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PHOTOGRAPHIC INTELLIGENCE REPORT

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KOSHKIN AND MOSCOW NEFTEGAZ  
PETROLEUM PRODUCTS PLANTS  
MOSCOW, USSR

Declassification Review by  
NGA/DOD

CIA/PIR 65043

DATE OCT. 1965

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PAGES 8

GROUP 1  
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KOSHKIN AND MOSCOW NEFTEGAZ PETROLEUM PRODUCTS PLANTS  
MOSCOW, USSR

The Moscow petroleum products plants Koshkin and Neftegaz are located in the eastern part of Moscow at geographic coordinates, (approximate center of each installation) 55 43N - 37 44E and 55 45N - 37 45E respectively.

The Koshkin installation occupies an irregular shaped area of approximately 46 acres with maximum dimensions of 2,550 feet NW-SE by 1,050 feet NE-SW. It is situated approximately 4 nautical miles ESE of the Kremlin and 5 nautical miles WNW of Moscow/Lubertsy Airfield.

The Neftegaz Petroleum Products Plant is roughly triangular in shape and occupies an area of approximately 80 acres. The major axis runs NNW-SSE and is approximately 2,200 feet in length; the NNW side is 2,500 feet. The plant is located approximately 4 nautical miles east of the Kremlin and 2 nautical miles NNE of Koshkin Refinery, see Figures 1 and 2.

The only recent usable photography covering these plants is from satellite missions flown since 1961. Comparative photographic enlargements for each installation (Koshkin, Figures 3 and 4; Neftegaz, Figures 5 and 6) are included with this report.

The approximate boundaries of the Koshkin and Neftegaz plants are shown and the various processing and support facilities delineated on figures 4 and 6. The following descriptions of facilities are keyed to the appropriate figure:

Koshkin Petroleum Products Plant (Figure 4)

- 1) This area contains administrative buildings and other refinery support facilities and is apparently outside the plant fenceline.
- 2) Tank farm; contains 19 small and 9 medium sized probable feedstock and product storage tanks. Three unidentified buildings are also present in this area.
- 3) Plant processing area; contains processing buildings, pipelines, treatment and storage tanks, and packaging, shipping, and receiving buildings.

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Neftegaz Petroleum Products Plant (Figure 6)

- 1) This area contains a group of administrative and shop buildings, possibly associated with this refinery, although apparently outside the fenceline.
- 2) Tank farm; probable charge stock storage area with approximately 20 medium size tanks.
- 3) This is a generally undeveloped area except for a few sheds and one gasholder.
- 4) Processing area; contains seven possible furnace buildings aligned along the eastern edge of area; tank farm for probable product storage on north side of area; and probable treating, packaging, and shipping facilities (rail served) west of possible furnace buildings.
- 5) Administrative and other support facilities are located in this area.

The very small scale of photographic coverage over this area prevents a detailed identification and functional analysis of the structures present at these installations. However, a generalized analysis is possible. Neither the Koshkin or the Neftegaz plants are petroleum refineries in the normal sense of the word. Both appear to be processing plants for the refining of specialized products, probably from charge stocks prepared at primary petroleum refineries. At each installation, the processing equipment is housed.

The presence of a gasholder and a row of possible furnace buildings at the Neftegaz plant suggests that one of its functions is the generation of gas from a liquid hydrocarbon charge stock.

Possible recovery and treatment facilities for various specialized products derived from gases and residues are located north and east of the possible furnace buildings in the main processing section.

The Koshkin petroleum products plant appears to fit into the same general category as the Neftegaz plant; a processing plant for the production of speciality petroleum products.

The charge stock is probably processed in three main buildings in the process area. Other buildings in this area may be for packaging and shipment of products and the tanks present could be for acid storage, product storage,

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treatment, or in-process storage. A few above-ground pipelines can be noted, but the scale of photography is too small to determine a flow line. Storage of some products is probable in the main tank farm, and further treatment or preparation for shipment may take place in the small unidentified buildings in that area. The types of operations which occur at this plant could not be determined, but are apparently not pyrolysis processes, as only slight evidence of heating facilities could be noted.

Level of activity

Both of these installations have remained static, with regard to facilities present. No construction was apparent as of [ ] and no changes could be noted on comparative coverage between [ ] Both plants are located in the suburbs of Moscow and no large scale expansion would seem probable. However, minor additions would be possible, as some undeveloped acreage is available within each installation. 25X 25X

All measurements have been made by the CIA/IAD/IB project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

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REFERENCES

PHOTOGRAPHY



MAPS OR CHARTS

General Locator Map, USSR-29656 1-61 (UNCLASSIFIED)  
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REQUIREMENT

CIA C-RR5-82,502

CIA/IAD PROJECT

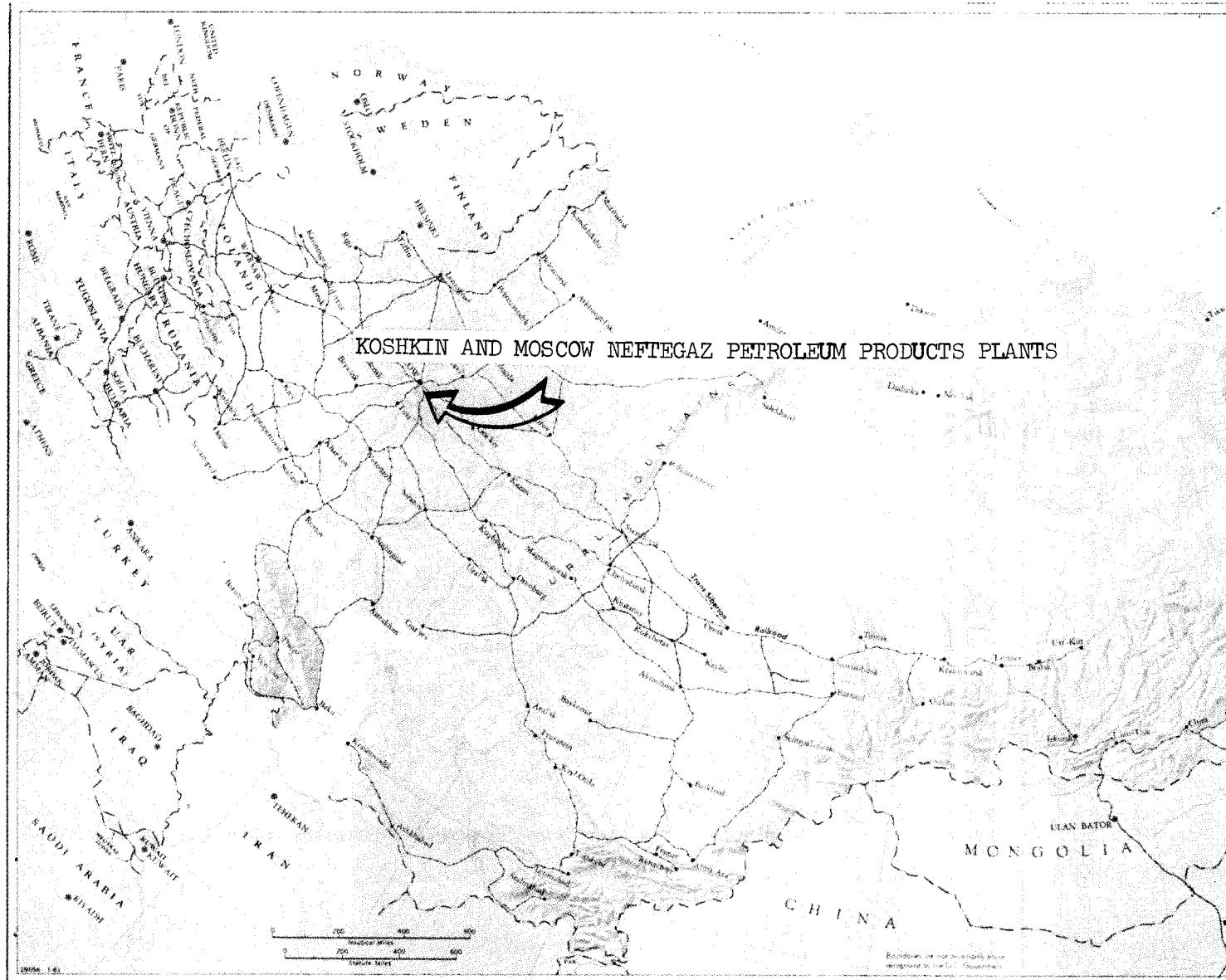
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FIGURE 1



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FIGURE 3

KOSHKIN PETROLEUM PRODUCTS PLANT  
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55 43N - 37 44E  
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FIGURE 4



KOSHKIN PETROLEUM PRODUCTS PLANT  
Moscow, USSR  
55 43N - 37 44E  
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FIGURE 5

NEFTEGAZ PETROLEUM PRODUCTS PLANT  
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FIGURE 6

NEFTEGAZ PETROLEUM PRODUCTS PLANT  
Moscow, USSR  
55 45N 37 45E  
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